

**ABSTRACT**

The invention may be embodied in an electromagnetic filter for use with a feedthrough conductor. An inductor having a metallized surface is disposed about the conductor, and a capacitor is joined to the inductor. One set of capacitor plates are electrically connected to a first conductive contact to provide a connection to the metallized surface. Another set of capacitor plates are electrically connected to a second conductive contact to provide a connection to the feedthrough conductor. A method of providing such a filter is also disclosed.